Fig. 1: — Tablet Hardness as a Function of Compression Force
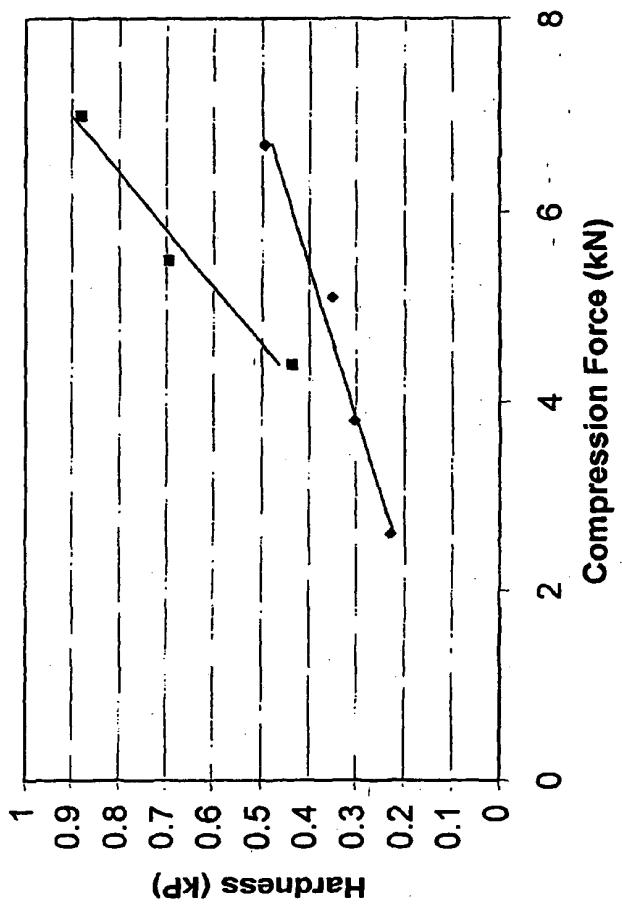

♦ Melt Granulation ■ Direct Compression

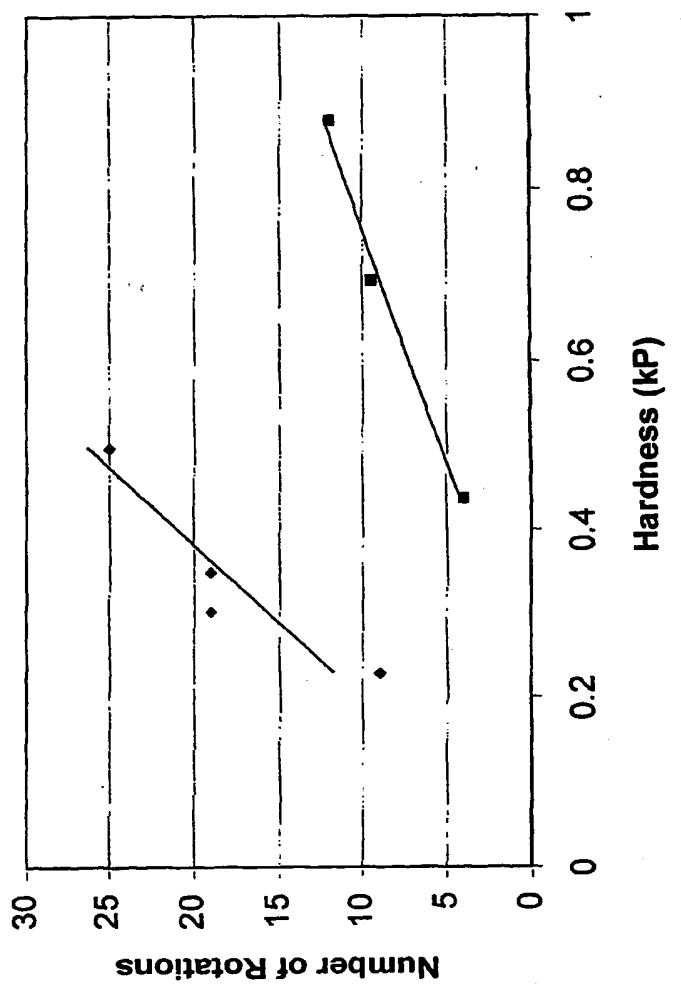# Fig. 2: Rotations in Friabilator before First Tablet breaks as a Function of Hardness

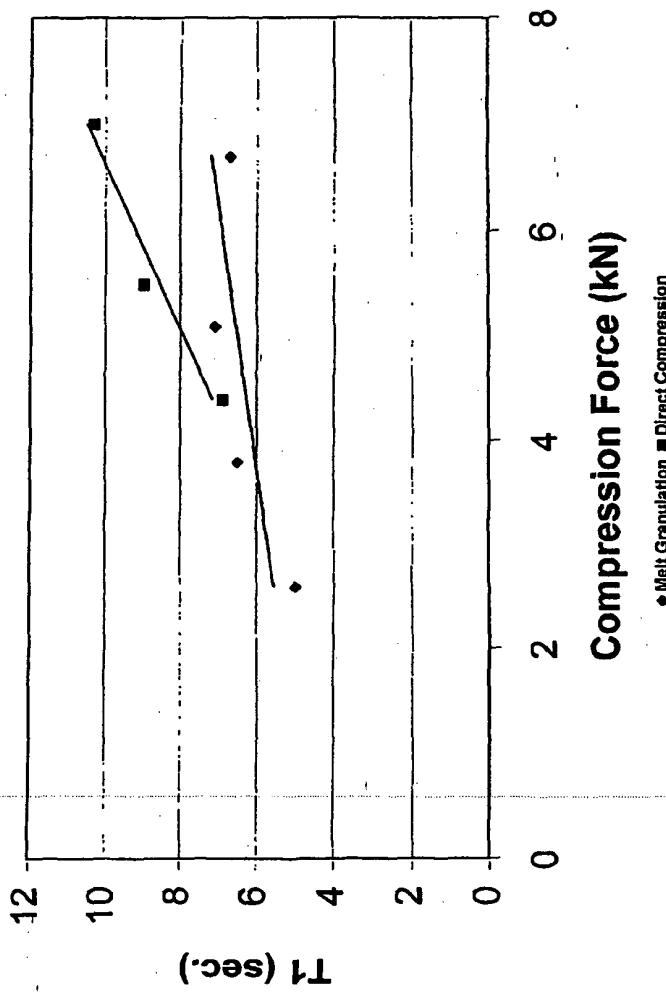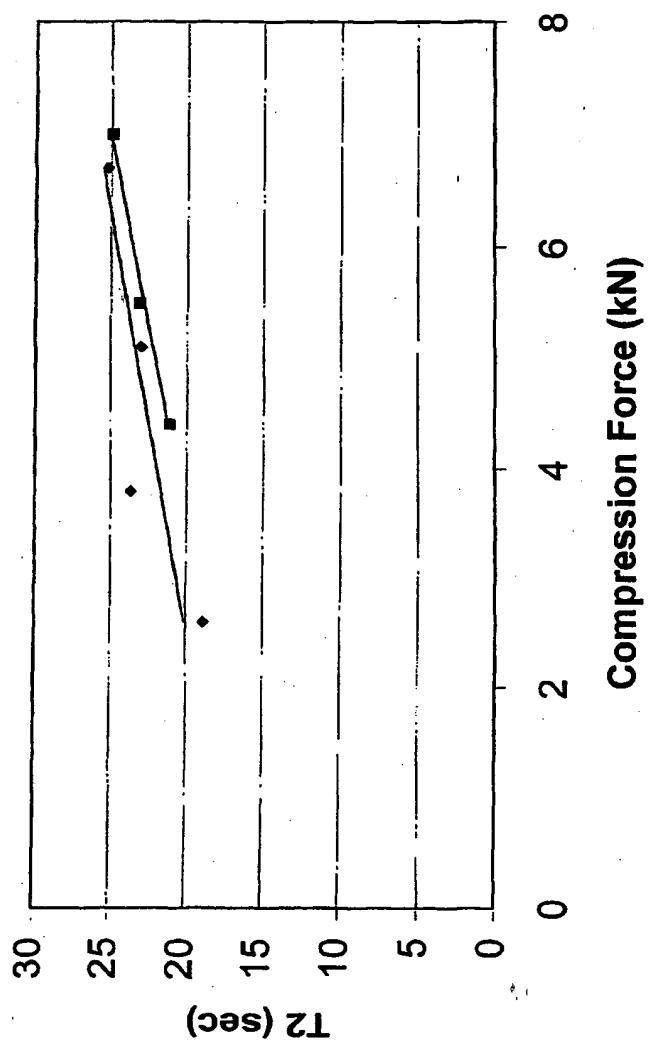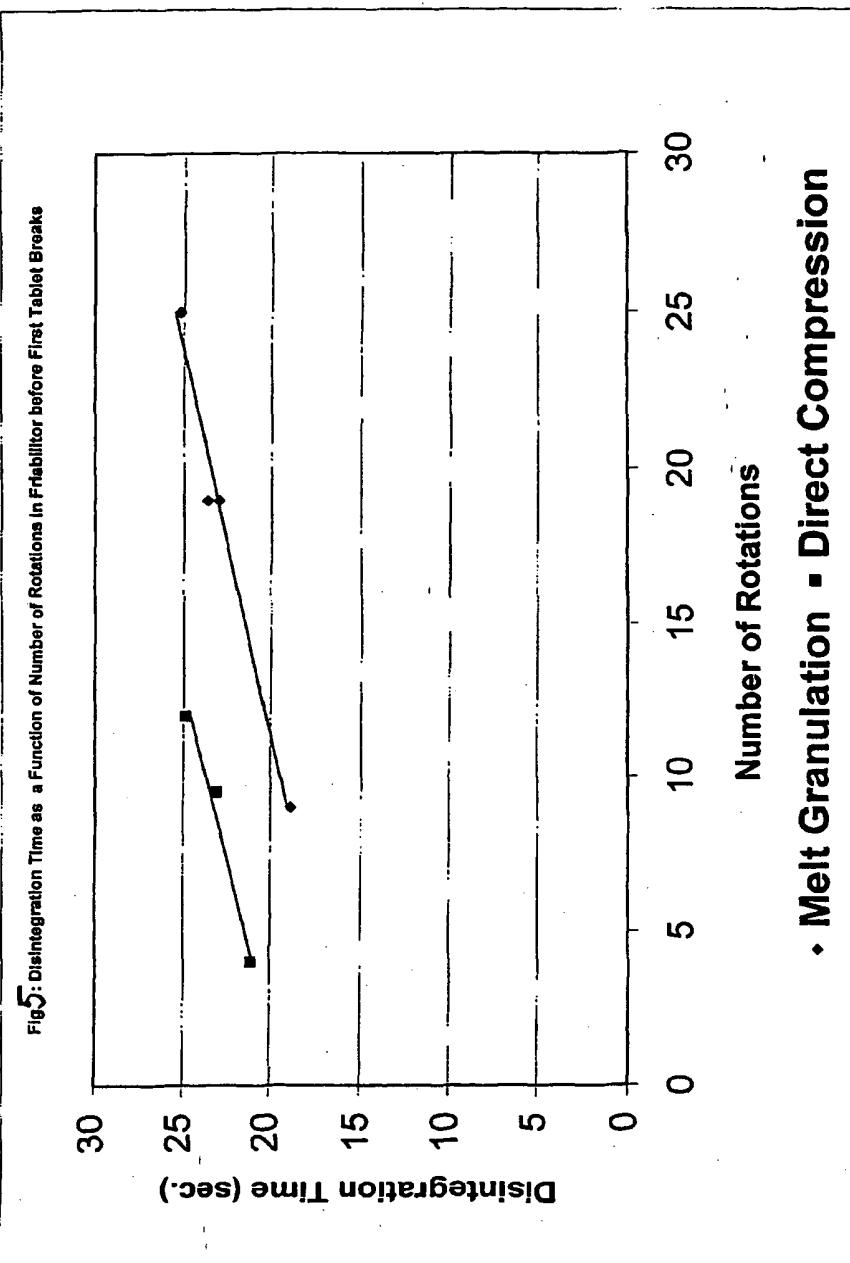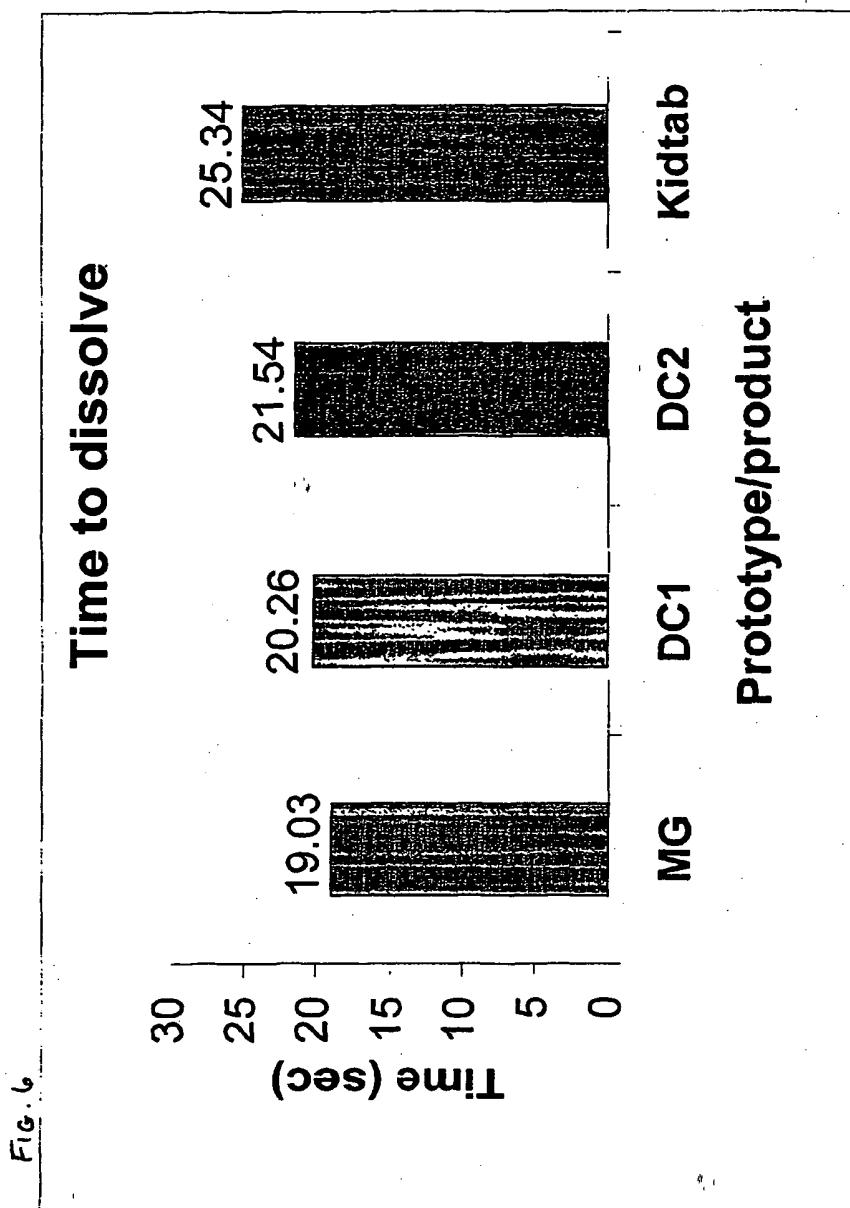Fig: 3: Time for Disintegration Onset (T1) as a Function of Compression Force

Fig. 4: Disintegration Time (T2) as a Function of Compression Force

Compression Force (kN)

T2 (sec)

◆ Melt Granulation ■ Direct Compression

Fig 5: Disintegration Time as a Function of Number of Rotations in Friabilitor before First Tablet Breaks

◆ Melt Granulation ■ Direct Compression

Number of Rotations

Disintegration Time (sec.)

FIG. 6

Time to dissolve

FIG. 7

Grittiness

Score

9

5

1

MG   DC1   DC2   Kidtab

Prototype/product

FIG. 8

Fig. 9